CONTENTS 1987

ARTICLES

ABUZKHAR, A. A., A. S. GIBALI, Y. I. ELMEHRIK, and RAHMATULLAH / Chemical Monitoring of Sewage Wastes for their Use in Crop Production **8,** 127

AHMAD, IQBAL, M. K. J. SIDDIQUI, and P. K. RAY / Pesticide Burden on some Insects of Economic Importance in Lucknow (India) **9,** 25

ALLDREDGE, J. RICHARD / Sample Size for Monitoring of Toxic Chemical Sites **9,** 143

BACHHUBER, H., K. BUNZL, and W. SCHIMMACK / Spatial Variability of Fallout-^{137}Cs in the Soil of a Cultivated Field **8,** 93

BARGAGLI, R., M. L. D'AMATO, and F. P. IOSCO / Lichen Biomonitoring of Metals in the San Rossore Park: Contrast with Previous Pine Needle Data **9,** 285

BEYER, W. NELSON and EUGENE J. CROMARTIE / A Survey of Pb, Cu, Zn, Cd, Cr, As, and Se in Earthworms and Soil from Diverse Sites **8,** 27

BUNCK, CHRISTINE M., RICHARD M. PROUTY, and ALEXANDER J. KRYNITSKY / Residues of Organochlorine Pesticides and Polychloribiphenyls in Starlings (*Sturnus vulgaris*), from the Continental United States, 1982 **8,** 59

BURDEN, DANIEL G. and RONALD F. MALONE / A Classification of Freshwater Louisiana Lakes Based on Water Quality and User Perception Data **9,** 179

BURDEN, DANIEL G., RONALD F. MALONE, and PAUL GREMILLION / Instability in a small Hypereutrophic Urban Lake **9,** 13

CHU, DERYN DUANE and DAVID J. WILSON / Elution of p- Dichlorobenzene Through Compacted Soil with Alcohol-Water Mixtures **8,** 77

CULHANE, PAUL J. / The Precision and Accurary of U.S. Environmental Impact Statements **8,** 217

DAVID R. McCALLUM / Follow-up to Environmental Impact Assessment: Learning from the Canadian Government Experience **8,** 199

DEVAUX, A. and G. MONOD / PCB and p,p'-DDE in Lake Geneva Brown Trout (*Salmo trutta* L.), and their Use as Bioenergetic Indicators **9,** 105

DRASCH, GUSTAV A. DAGMAR WALSER, and JOSEF KÖSTERS / The Urban Pigeon (*Columga livia, Forma urbana*) – A Biomonitor for the Lead Burden of the Environment **9,** 223

EATON, H. C., M. B. WALSH, M. E. TITTLEBAUM, F. K. CARTLEDGE, and D. CHALASANI / Organic Interference of Solidified Stabilized Hazardous Wastes **9,** 133

FRANK, R., FRANK, A. G. CARPENTIER, and D. L. MACKENZIE / Monitoring for 2,4-Residues in Fish Species Resident in Treated Lakes in East-Central Ontario 1977–80 **9,** 71

CONTENTS 1987

HARKOV, A., A. GREENBERG, F. DARACK, L. MCGEORGE, and C. PIETARINEN / Exploring Data Quality for some Inorganic and Organic Constituents of Inhalable Particulate Matter (PM_{10}) **9,** 83

HRUBY, THOMAS / Using Similarity Measures in Benthic Impact Assessment **8,** 163

KANAZAWA, JUN / Biodegradability of Pesticides in Water by Microbes in Activated Sludge, Soil and Sediment **9,** 57

KING, LESLIE, A. and GLENN R. HARRIS / Assessing Cancer Incidence in a Small Community **8,** 151

LEIDY, R. B., C. G. WRIGHT, and H. E. DUPREE, Jr. / A Sampling Method to Determine Insecticide Residues on Surfaces and its Application to Food-Handling Establishments **9,** 47

LEIDY, R. B., T. J. SHEETS, and C. G. WRIGHT / DDVP Residues in Air Following Application to a Tobacco-storage Warehouse **9,** 263

MAGALHÃES, MARIO JOÃO and MARGARIDA C. DE BARROS / The Contamination of Fish with Chlorinated Hydrocarbons in Portugal: Continental Coast and Azores Islands **8,** 37

MARCHWIŃSKA, EWA and RAFAŁ KUCHARSKI / The Combined Influence of SO_2 and Heavy Metal- Containing Particulates on Beans, Carrots and Parsley **8,** 11

McCALLUM, DAVID R. / Follow-up to Environmental Impact Assessment: Learning from the Canadian Government Experience **8,** 199

NEVO, E., B. LAVIE, and R. NOY / Mercury Selection of Allozymes in Marine Gastropods: Prediction and Verification in Nature Revisited **9,** 233

NYSSEN, GERARD A., ERIC T. MILLER, TODD F. GLASS, CHARLES R. QUINN II, JULIE UNDERWOOD, and DAVID J. WILSON / Solubilities of Hydrophobic Compounds in Aqueous-Organic Solvent Mixtures **9,** 1

RATSCH, HILMAN C. and DEBRA JOHNDRO / The Influence of Two Culturing Techniques on Toxicity of Four Chemicals in *Arabidopsis* **9,** 155

SCHICK, CHARLES, T. LEONARD A. BRENNAN, JOSEPH B. BUCHANAN, MICHAEL A. FINGER, TOD M. JOHNSON, and STEVEN G. HERMAN / Organochlorine Contamination in Shorebirds from Washington State and the Significance for Their Falcon Predators **9,** 115

SCHWEITZER, GLENN E. / Relevance of Radiation Compensation Litigation to Compensation for Toxic Exposures **8,** 1

SIMMS, D. L., M. J. QUINN, and J. F. A. THOMAS / Safety Margins for Lead in the General Population **8,** 113

SINGH, ANIL KR. and R. K. RATTAN / A New Approach for Estimating the Phytotoxicity Limits **9,** 269

ŠIŠOVIČ, A. and M. FUGAŠ / Application of Impregnated Filters to Determination of Smoke and Ammonia **9,** 101

ŠIŠOVIČ, A. and M. FUGAŠ / Survey of Carbon Monoxide Concentrations in Selected Urban Microenvironments **9,** 93

CONTENTS 1987

SMITH, G. H., F. A. Y. GAILEY, and O. LL. LLOYD / Industrial Air Pollution by Metals Monitored by a Synthetic Fabric: A Case Study of a Community **8,** 135

STALEY, CHRIS, S. and MARILYN J. CASE / An Evaluation of *in situ* Microcosms for Validating Aquatic Fate and Transport Models **8,** 103

STALLARD, MARTHA, VERN HODGE, and EDWARD D. GOLDBERG / TBT in California Coastal Waters: Monitoring and Assessment **9,** 195

STARKS, THOMAS H., ALLEN R. SPARKS, and KENNETH W. BROWN / Geostatistical Analysis of Palmerton Soil Survey Data **9,** 239

TAYLOR, J. A., R. W. SIMPSON, and A. J. JAKEMAN / Statistical Modeling of Restricted Pollutant Data Sets to Assess Compliance with Air Quality Criteria **9,** 29

TOMLINSON, PAUL / Editorial **8,** 183

TOMLINSON, PAUL and SAMUEL F. ATKINSON / Environmental Audits: A Literary Review **8,** 239

TOMLINSON, PAUL and SAMUEL F. ATKINSON / Environmental Audits: Proposed Terminology **8,** 187

ZHENG, X. Q. and R. D. JI / Assessment of Lead Contamination of the General Environment Through Blood Lead Levels **9,** 169

BOOK REVIEW

Tate, R. L., *Soil Organic Matter Biological and Ecological Effects* (F. T. LAST) **9,** 295

ANNOUNCEMENTS181, 263; **9,** 221, 297

CALL FOR PAPERS **8,** 265; **9,** 299

NOTE FROM THE PUBLISHER **8,** 267; **9,** 299